AMENDMENTS TO THE CLAIMS

1. (Currently amended) A control device comprising:

first communication means for communicating information,

generation means for generating, based on operation information ~~first information~~ representing control contents of an appliance, received by said first communication means, control information ~~second information~~ representing an operation of said appliance, wherein said generation means includes

application storage means for storing a control application program representing information processing to generate said control information, and

operation means for generating said control information from said operation information by said information processing represented by said control application program, and

first control means for controlling said first communication means such that said control ~~second~~ information is transmitted to said appliance.

2. (Canceled)

3. (Currently amended) The control device according to ~~claim 2~~claim 1, wherein said application ~~first~~ storage means includes modification means for storing said ~~third~~ control application program ~~information~~ such that at least a portion can be modified.

4. (Currently amended) The control device according to ~~claim 2~~claim 1, wherein said ~~first~~ application storage means includes means for storing a plurality of said control application programs ~~third information~~ in correspondence with said appliance,

said control device further comprising select means for selecting any of said plurality of control application programs ~~third information~~ based on ~~fourth~~ information identifying said appliance, received by said first communication means,

wherein said operation means includes means for generating said control ~~second~~ information by an operation represented by said control application program ~~the third information~~ selected by said select means.

5. (Previously presented) The control device according to claim 1, wherein said first communication means includes a plurality of communication means selectively used according to a communication destination.

6. (Currently amended) The control device according to claim 1, further comprising:

~~second~~ appliance storage means for storing ~~fifth information~~ permitted appliance information representing a permitted appliance of which an operation by a user is permitted in correspondence with said user, among said appliances, and

second control means for controlling said first communication means such that information including ~~the fifth information~~ said permitted appliance information corresponding to ~~a~~ said user of a transmission source of said first information is transmitted to said transmission source in response to reception of ~~seventh information~~ user identification information identifying ~~the~~ a user of said transmission source of said operation information and ~~eighth information~~ an authentication request requesting identification of said appliance by said first communication means.

7. (Previously presented) The control device according to claim 6, further comprising means for counting time,

wherein information transmitted by said second control means further includes information representing said time.

8. (Currently amended) The control device according to claim 6, further comprising determination means for determining whether said control ~~second~~ information is to be generated or not by said generation means based on information identifying said transmission source.

9. (Currently amended) The control device according to claim 8, wherein said information identifying said transmission source includes any of ~~seventh~~ information identifying ~~a~~ the user of said transmission source and ~~tenth~~ information identifying a device of said transmission source.

10. (Currently amended) The control device according to claim 1, further comprising second control means for controlling said first communication means such that ~~ninth~~ information including transmission destination information identifying said appliance is transmitted to ~~a~~ said transmission source ~~of said first information~~, based on ~~sixth~~ transmission source information identifying the transmission source of said ~~first~~ operation information.

11. (Currently amended) The control device according to claim 10, wherein said ~~sixth~~ transmission source information includes ~~seventh~~ user identification information identifying a user of said transmission source and ~~tenth~~ transmission source device information identifying a device of said transmission source,

wherein said second control means ~~comprises~~ includes means for controlling said first communication means such that said ~~ninth~~ information including transmission destination information is transmitted in a manner suiting the device and ~~the~~ said user of said transmission source based on said ~~seventh~~ user identification information and ~~tenth~~ said transmission source device information.

12. (Currently amended) The control device according to claim 10, wherein said second control means comprises means for controlling said first communication means such that said ~~ninth~~ information including transmission destination information is transmitted in response to reception of ~~eighth~~ an authentication request ~~information~~ requesting identification of said appliance by said first communication means.

13. (Currently amended) The control device according to claim 1, further comprising:

second communication means for communicating information, and

third control means for controlling said first communication means and said second communication means such that ~~eleventh~~ information communicated using one of said first communication means and said second communication means is transmitted using the other of said first communication means and said second communication means to a communication destination differing from the communication destination of said ~~eleventh~~ communicated information.

14-30. (Canceled)

31. (Currently amended) A control method comprising:

~~a first communication step of~~ communicating information,

said information including operation information representing control contents of an appliance,

~~a generation step of~~ generating said control information representing an operation of said appliance, ~~second information representing an operation of said appliance~~ based on said operation information received and a control application program representing information processing to generate

said control information, ~~first information representing control contents of an appliance, received at said first communication step,~~ and

transmitting said generated control information ~~a first control step of controlling said first communication step such that said second information is transmitted~~ to said appliance.

32. (Currently amended) A control program to cause a computer to realize the steps of:

~~a first communication step of~~ communicating information including operation information representing control contents of an appliance,

~~a generation step of~~ generating control information representing an operation of said appliance, ~~second information representing an operation of said appliance~~ based on said operation information received and a control application program representing information processing to generate said control information, ~~first information representing control contents of an appliance, received at said first communication step,~~ and

transmitting said generated control information ~~a first control step of controlling said first communication step such that said second information is transmitted~~ to said appliance.

33. (Currently amended) A computer-readable recording medium having a control program recorded to cause a computer to realize the steps of:

~~a first communication step of~~ communicating information,

said information including operation information representing control contents of an appliance,

~~a generation~~ generating control information representing an operation of said appliance, ~~step of generating second information representing an operation of said appliance~~ based on said operation information received and a control application program representing information processing to generate said control information~~first information representing control contents of an appliance, received at said first communication step~~, and

transmitting said generated control information ~~a first control step of controlling said first communication step such that said second information is transmitted~~ to said appliance.